CLAIMS

1. A method of transmission, from a transmission center to digital television decoders of an application made up of a set of files containing data together constituting interactive pages, each page having a displayable content consisting of a main file and of included components, if any, inclusion links, if any, allowing the display or the execution of included components, so as to obtain the entire interactive page, navigation links each pointing at a main file of an interactive page of higher or lower depth, a home page having a 0 depth level, a level 1 page being a page that can be called up through a navigation link from this page of depth 0, and more generally a page of depth n being a page that can be called up with a minimum of n navigation links from the home page of depth 0, the method comprising a prior step of reception of the file or files necessary for the construction of a plurality of interactive pages with their included components, if any, these files together forming an application or a part of the application corresponding to pages having depth levels lower than a predetermined level, the method comprising in particular a step of semantic and syntactic analysis of the content of the main files of the application so as to identify the inclusion links and the navigation links,

method characterized in that it furthermore comprises the following steps:

a) ranking by level of depth of the various files together making up the application, an included

component and the main file with which it is associated being retained as having the same depth level, and ranking of the various files by depth level,

b) construction of transmission modules, the files necessary for the construction of a complete interactive page with its included components, if any, being included in one or, if necessary, several modules, if a single module does not suffice to contain said files.

2. The method as claimed in claim 1, characterized in that it furthermore comprises steps of:

c) definition of a transmission profile containing in particular transmission order instructions such that each interactive page and its included components, if any, are transmitted with a priority level chosen from at least two priority levels,

d) transmission of the modules with a frequency which is dependent on the predefined order of priority.

3. The method as claimed in claim 1, characterized in that it furthermore comprises a step of:

a1) allocation of a level of dynamism to at least part of the interactive pages, the modules containing pages that are modified more often than others having a greater level of dynamism than the modules containing pages that are modified less often.

4. The method as claimed in claim 2, characterized in that the priority level defined in step c) is a decreasing function of the depth of the interactive page.

5. The method as claimed in claim 3, characterized in that the priority level is an increasing function of the dynamism.

6. The method as claimed in claim 3 dependent on claim 2, characterized in that the priority level defined in step c) is a function of the level of dynamism and/or of depth of the interactive page contained in the module.

7. The method as claimed in one of claims 1 to 6, characterized in that it furthermore comprises a step of:

a2) selective modification of access links (URL) for navigation and/or for inclusion in at least one interactive page so as to render the entire application or at least a first part of the application accessible in a transmission mode, and possibly render a second part of the application accessible through a return path.

8. The method as claimed in one of claims 1 to 7, characterized in that it furthermore comprises a step:

a3) quantitative analysis of the information contained in each file, and as a function of the results of this analysis, of

- deletion of the pages of depth 1 or higher than 1, commencing with the deletion of the pages of greatest depth, until the remaining amount of information to be transmitted is equal to or less than a predefined quantitative limit.

9. The method according to one of claims 1 to 8, characterized in that it comprises a step of:

a4) modification of the application so as to introduce instructions therein allowing a piece of software for managing a cache memory of a digital decoder receiving the application to identify the navigation links between the current page displayed and pages that can be reached through the navigation links of this current page, and to instruct the loading into the cache memory of said pages and of their included components, if any.

10. The method as claimed in one of claims 6 to 9, characterized in that it comprises a step:

a5) introduction into the application of instructions allowing, in case of access to the second part of the application through the return path, an automatic return to the transmission mode in case of request for access to a page which forms part of the transmitted pages.